

Appendix A
Typical Values for Various Constituents in
Wastewater and Other Waters

(Note: The values presented here are typical values only and have been estimated using a variety of sources including studies conducted by the WI Dept. of Natural Resources and the U.S. Geological Survey, data from U.S. EPA, self-monitoring and other data collected under the terms of WPDES permits and studies of stormwater quality in Wisconsin municipalities. Depending on the circumstances, the quality of any type of water may vary widely. In addition to the constituents shown, many other substances (e.g., organic chemicals, pesticides, metals, etc.) and organisms (e.g., bacteria, viruses, etc.) may also be present,)

Type of Water	BOD – mg/L	Total Susp. Solids – mg/L	Total Susp. Solids – lbs/acre	Total Phos- phorus – mg/L	Total Phos- phorus – lbs/acre	Total Kjeldahl Nitrogen – mg/L	Fecal Coliform – MFFCC per 100 ml	Lead – ug/L	Zinc – ug/L
Raw Sewage	200	200		5		35	1 million	7	200
Treated and disinfected sewage	15	15		1			400		
Urban stormwater	30	120	400	.3	.75	3	100,000	400	150
Sanitary sewer overflow	100	120		2			500,000		
Combined sewer overflow	40	80		.7			250,000	300	
Urban stream (dry weather)	7	50		.2				25	50
Rural runoff	15	300	300	.8	.6				